



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q80411

BOWERS, et al.

Appln. No.: 10/795,977

Group Art Unit: Unassigned

Confirmation No.: Unknown

Examiner: Bernard Lipman

Filed: March 10, 2004

For: POLYMERIC SURFACE COATINGS

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97 and 1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 CFR §1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form which are all the references of record in parent application No. 10/259,468 as well as application nos. 09/002,861, 08/475,620, 08/175,348, 08/175,348, 08/290,901, 09/117,729, and 09/341,476. Applicant is not submitting duplicate copies of these references but requests that they be listed on the face of any patent granted on the above application. (See 37 CFR §1.98(d)).

BOWERS et al.
Appln. No. 10/795,977
Information Disclosure Statement

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,



John T. Callahan
Registration No. 32,607

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE
23373
CUSTOMER NUMBER

Date: May 25, 2004

<p>Substitute for Form 1449 A & B/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				<p>Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/795,977</td> </tr> <tr> <td>Confirmation Number</td> <td>Unknown</td> </tr> <tr> <td>Filing Date</td> <td>March 10, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Roderick William Jonathon BOWERS</td> </tr> <tr> <td>Art Unit</td> <td>Unassigned</td> </tr> <tr> <td>Examiner Name</td> <td>Bernard Lipman</td> </tr> <tr> <td>Attorney Docket Number</td> <td>Q80411</td> </tr> </table>		Application Number	10/795,977	Confirmation Number	Unknown	Filing Date	March 10, 2004	First Named Inventor	Roderick William Jonathon BOWERS	Art Unit	Unassigned	Examiner Name	Bernard Lipman	Attorney Docket Number	Q80411
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Sheet	1	of	4																

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 3,671,502		6/1972	Samour et al.
		US 4,778,865		10/1988	Leighton
		US 4,863,980		9/1989	Cowan et al.
		US 5,002,582		3/1991	Guire
		US 5,270,415		12/1993	Sulc
		US 5,461,433		10/1995	Nakabayashi

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)		
		CA	1167838		5/1984	
		EP	192831		9/1986	
		EP	0293963		12/1988	
		EP	0537972		4/1993	
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		JP	63-221184		9/1988	
		GB	1529378		10/1978	
		WO	093/00391		1/1993	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.			Translation ⁶
		Ishihara et al., "Improvement of Blood Compatibility on Cellulose Dialysis Membrane," <i>Biomaterials</i> , Vol. 13, No. 3, 1992.			
		Wielema et al., "Zwitterionic Polymers - I. Synthesis of a Novel Series of Poly(Vinylsulphobetaines). Effect of Structure of Polymer on Solubility in Water," <i>Eur. Polym. J.</i> , Vol. 23, No. 12, 1987, pp. 947-950.			
		Ishihara et al., "Protein Adsorption from Human Plasma is Reduced on Phospholipid Polymers," <i>17th Ann. Meet. Soc. Biomaterials</i> , May, 1991, pp. 297-298.			
		Kojima et al., "Interaction between Phospholipids and Biocompatible Polymers Containing a Phosphorylcholine Moiety", <i>Biomaterials</i> , Vol. 12, 1991, pp. 121-124.			
		Ishihara et al., "Preparation of Phospholipid Polymers and Their Properties as Polymer Hydrogel Membranes", <i>Polym. J.</i> , Vol. 22, No. 5, 1990, pp. 355-360.			
		Ishihara et al., "Reduced Thrombogenicity of Polymers Having Phospholipid Polar Groups," <i>J. Biomed. Materials Res.</i> , Vol. 24, 1990, pp. 1069-1077.			

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		US 3,951,893		4/1976	Gander
		US 4,722,906		2/1988	Guire
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		JP	59-43342	3/1984	
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		Fukushima et al., "Interaction Between the Polymer Containing Phosphorylcholine Group and Cells", <i>Kobunshi Ronbunshu</i> , Vol. 40, No. 12, 1983, pp. 785-793.			
		Kadoma et al., "Synthesis and Hemolysis Test of the Polymer Containing Phosphorylcholine Groups, <i>Kobunshi Ronbunshu</i> , Vol. 35, No. 7, 1978, pp. 423-427.			
		S.M. Park, <i>Journal of Korean Fiber Society</i> , Vol. 29, No. 10, 1992, pp. 32-37.			
		Sakurai et al., "Macromolecules", Vol. 25, No. 26, 1992, pp. 7256-7260.			
		K. Ishihara et al., "Journal of Biomedical Materials Research", Vol. 24, No. 8, 1990, pp. 1069-1077.			
		K. Ishihara et al., <i>Polymer Journal</i> , Vol. 22, No. 5, 1990, pp. 355-360			
		Nakabayashi et al., <i>The 17th Annual Meeting of the Society for Biomaterials</i> , Scottsdale, AZ (1991).			

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		Campbell et al., "Biocompatible Surfaces Using Methacryloylphosphorylcholine Laurylmethacrylate Copolymer", <i>ASAIO Journal</i> , 1994.			

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		Yin et al., "Silicon Secondary Crosslinked IPN Based on poly(Methyl Acrylate-Co-Hydroxylethyl Acrylate) and SiO ₂ ", <i>Polymer</i> , Vol. 38, No. 20, 1997, pp. 5173-5178.			
		Stratford et al., "Novel Phosphorylcholine Based Hydrogel Polymers: Developments in Medical Device Coatings", <i>Cardiovascular Division, Biocompatibles Ltd.</i> ,			
		Database WPI, Section Ch., Week 9403, Derwent Publications Ltd., London, GB, AN 94-022958, XP002060534 (Abstract)			
		Database WPI, Section Ch., Week 9346, Derwent Publications Ltd., London, GB, AN 93-365463, XP002060535 (Abstract)			
		Database WPI, Section Ch., Week 9312, Derwent Publications Ltd., London, GB, AN 93-096841, XP002060536 (Abstract)			

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